

ATTACHMENT C

Application for Title V Permit Modification

APPLICATION TO MODIFY TITLE V PERMIT

I. FACILITY IDENTIFICATION

1. Facility Name: University of California, Davis Medical Center (UCDMC)
2. Parent Company: _____
(if different from Facility name)
3. Mailing Address: 4800 2nd Avenue, Suite 1500, Sacramento, California 95817
4. Facility Location: UCDMC Central Energy Plant, Building 73: 4840 2nd Avenue, Sacramento, California 95817;
5. Type of Organization:
☐ Corporation ☐ Sole Ownership ☒ Government ☐ Partnership ☐ Utility Company
6. Responsible Official: Shelton Duruisseau Phone No.: (916) 734-5530

Title(s): Senior Associate Director, Hospital & Clinics
Executive Associate Director, External Affairs
7. Plant Site Contact: Dennis Curry Phone No.: (916) 734-3679

Title: Senior Superintendent – Plant Operations & Maintenance

II. TYPE OF PERMIT ACTION

	Current Permit Number	Permit Expiration Date
<input type="checkbox"/> Significant Permit Modification		
<input checked="" type="checkbox"/> Minor Permit Modification	TV2005-16-01	June 14, 2011
<input type="checkbox"/> Administrative Amendment		

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III. DESCRIPTION OF PERMIT ACTION

1. Does the permit action involve?: ☐ Temporary Source ☐ Voluntary Emissions Caps
☐ Acid Rain Source ☐ Alternative Operating Scenarios
☐ MACT Requirements
2. Provide a general description of the proposed permit modification. Reference any Authority to Construct that is requested to be incorporated. Attach any additional information that is relevant to the request.

UCDMC requests that modified permit conditions for 4 boilers (Authority to Construct Nos. 20216, 20217, 20218, and 20219) be incorporated into the Title V Operating Permit.

Equipment Specific Requirements for these emission units are stated in the Title V Operating Permit pages 25 through 30. The subject Authority to Construct amendments incorporate burner upgrades installed onto Central Plant boilers, and reduced NOx permitted emission rates based on SMAQMD Rule 411 – Boiler NOx. The burner rating will be increased to 31.5 million British thermal units per hour (mmBTU/hr). In addition, UCDMC agreed to a reduction of the limit CO emission limit from 100 ppm CO (75 pounds per million cubic feet (lb/mmcf CO)) to 96.6 ppm CO (71.4 lb/mmcf CO) to avoid a net emission increase and triggering CO offsets.

Under penalty of perjury, I certify that based on information and belief formed after reasonable inquiry, the answers, statements and information contained in this application (and supplemental attachments thereto) are true, accurate and complete. This application consists of the application forms provided by the SMAQMD, information required pursuant to the List and Criteria and any supplemental information and/or attachments submitted with the application. I also certify that I am the responsible official as defined in SMAQMD Rule 207.

Shelton Duruisseau

Signature of Responsible Official

4-1-08

Date

Shelton Duruisseau

Print Name of Responsible Official

201 N. Civic Drive, Suite 115
Walnut Creek, CA, 94553

Tel: 925-937-9010
Fax: 925-937-9026

www.browncaldwell.com

APR 03 2008

March 28, 2008



Mr. Bruce Nixon, P.E.
Air Pollution Control Officer
Sacramento Metropolitan
Air Quality Management District
777 12th Street, Third Floor
Sacramento, California 95814

134718.001.1

Subject: Title V Operating Permit No. TV2005-16-01,
Request for Operating Permit Modification for Central Plant Boiler
Burner Upgrades, University of California, Davis Medical Center

Dear Mr. Nixon:

Brown and Caldwell is submitting this letter on behalf of the University of California, Davis Medical Center (UCDMC) requesting modification of Title V permit conditions. Title V Operating Permit No. TV2005-16-01 was issued by the Sacramento Metropolitan Air Quality Management District (SMAQMD) to UCDMC on June 14, 2006.

On May 29, 2007, the SMAQMD issued Authority to Construct Nos. 20216, 20217, 20218, and 20219 for the modification of Boilers #1 through #4 at the UCDMC Central Energy Plant. Additional boiler permit revisions were issued by SMAQMD to UCDMC on July 6, 2007.

In summary, the above-referenced Authorities to Construct specified new boiler burner equipment and reduced NO_x emission rates in accordance with the regulatory requirements of SMAQMD Rule 411 – Boiler NO_x. The burner rating will be increased to 31.5 million British thermal units per hour (mmBTU/hr). In addition, UCDMC agreed to a reduction of the limit CO emission limit from 100 ppm CO (75 pounds per million cubic feet (lb/mmcf CO)) to 96.6 ppm CO (71.4 lb/mmcf CO) to avoid a net emission increase and triggering CO offsets.

UCDMC hereby requests that the permit condition amendments specified in Authority to Construct Nos. 20216 through 20219 (for Central Plant boilers #1 through #4) be incorporated into the Title V permit sections applicable to boilers specified herein. Attached is the application form for Title V Permit Modification signed by the responsible official.

Addressee
March 28, 2008
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UCDMC appreciates a timely review and processing of this request for Title V permit condition modification. If you have any questions, feel free to call me at 925.210.2453. For your information, Karen Lutter has left Brown and Caldwell to pursue a career with CARB (Planning & Technical Support Division, Emission Inventory Section).

Very truly yours,

BROWN AND CALDWELL


Wynn Yin
Project Manager

WY:jle

cc: Dennis Curry, UCDMC

Attachment: Application form for Title V Permit Modification signed by the responsible official